

# MATERIAL SAFETY DATA SHEET

## • Section 1 - PRODUCT IDENTIFICATION

Manufacturer's Name DEARBORN DIVISION, W. R. Grace & Company	Emergency Phone No. 312/438-8241
Address 300 Genesee St., Lake Zurich, IL 60047	
Synonyms Cooling water microbicide and slimicide	Trade Name or Code Ident. DEARCIDE® 717

## • Section 2 - HAZARDOUS INGREDIENTS

CAS NO.

%

EXPOSURE CRITERIA

Alkyl Dimethyl Benzyl  
Ammonium Chloride

1875-92-9

12.5%

-

bis (Tri-n-Butyltin) Oxide

56-35-9

2.25%

-

Inert Ingredients

-

85.25%

EPA Reg. No. 4643-2

NFPA: 2-0-0

## • Section 3 - PHYSICAL DATA

Boiling Point, 760mm Hg	No data	Melting Point	NA
Specific Gravity(H <sub>2</sub> O=1)	1.0	Vapor Pressure @ 25°C approx	21 mm Hg
Vapor Density (Air=1)	No data	Solubility in H <sub>2</sub> O(% by Wt.)	appreciable
% Volatiles by Volume	No data	Evaporation Rate (Bu Ac=1)	< 1
Appearance & Odor: Colorless liquid with a slightly aromatic odor		pH	9 - 10

## • Section 4 - FIRE & EXPLOSION HAZARD DATA

Flash Point(And Method Used)	Flammable Limits in Air, % by Volume	Auto Ignition Temperature
None	<div style="display: flex; justify-content: space-between;"> <span>Lower NA</span> <span>Upper NA</span> </div>	NA

### EXTINGUISHING

MEDIA ☐ Water Fog ☒ Foam ☒ CO<sub>2</sub> ☒ Dry Chemical ☐ Other

### SPECIAL FIRE FIGHTING PROCEDURES

Fire fighters should wear full protective gear including breathing apparatus.

### UNUSUAL FIRE AND EXPLOSION HAZARD

None

## • Section 5 - REACTIVITY DATA

Stability(Normal Conditions) <input checked="" type="radio"/> Stable <input type="radio"/> Unstable	CONDITIONS TO AVOID
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### INCOMPATIBILITY(Materials to Avoid)

Strong oxidizing agents

### HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO<sub>2</sub>, NH<sub>3</sub>

### HAZARDOUS POLYMERIZATION

CONDITIONS TO AVOID

☐ May Occur ☒ Will Not Occur

(over)

MATERIAL SAFETY DATA SHEET (Continued)  
Section 6 - HEALTH HAZARD INFORMATION  
EXPOSURE LIMIT

Not established

EFFECTS OF OVEREXPOSURE

INHALATION - Avoid prolonged exposure to vapors which may irritate nasal passages.

INGESTION - Harmful or fatal if swallowed. Avoid contamination of food. Oral toxicity:  
LD<sub>50</sub>(rats)- 3,008 mg/kg. If ingested contact physician and give promptly milk, egg whites,  
or gelatin solution. If these are not available, give large quantity of water.  
Induce vomiting by giving syrup of ipecac.

SKIN OR EYE CONTACT - Causes eye damage and skin irritation.  
Skin contact: Wash off area of skin contact with soap and water.  
Eyes: Flood eyes with water and seek medical attention.

EMERGENCY AND FIRST AID PROCEDURES

See above

Section 7 - SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

Mechanical exhaust should be adequate.

RESPIRATORY PROTECTION (Specify Type) None special - Do not breathe mist or vapors

EYE PROTECTION

Goggles or face shield

GLOVES (Specify Type)

Chemical gloves

OTHER PROTECTIVE CLOTHING AND EQUIPMENT (Specify Type)

Wear protective clothing to minimize skin contact.

Section 8 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED - Collect using absorbent, place in  
container for proper disposal. Use up to equal amounts of sodium oleate to  
detoxify.

WASTE DISPOSAL METHOD - Do not flush large quantities to drain that could upset waste treatment  
systems. Material should be disposed according to EPA Pesticide label instructions. Water  
treated with Dearthide 717 should not be used for food processing, irrigation or in the manufacture  
of paper used for food packaging. Treated effluent should not be discharged where it will drain  
into lakes, streams, ponds, or public water. Do not contaminate water by cleaning of equipment.

Section 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed and protect from freezing.  
Freeze point, 24°F.

OTHER PRECAUTIONS

For industrial use only. Keep away from children.

Shipping Name: DOT Compound Industrial Process Water Treating, Liquid  
IATA

The data included herein are presented according to W. R. Grace & Co.'s  
practices current at the time of preparation hereof, are made available  
solely for the consideration, investigation and verification of the  
original recipients hereof and do not constitute a representation of  
warranty for which Grace assumes legal responsibility. It is the  
responsibility of a recipient of this data to remain currently informed  
on chemical hazard information, to design and update its own safety  
program and to comply with all national, federal, state, and local laws  
and regulations applicable to safety, occupational health, right to know  
and environmental protection.

|| or disposal of wastes. Apply this product as  
specified on the label. Do not re-  
drum. Rinse thoroughly with water and  
to drum reconditioner, or destroy by pe-  
rating or crushing. Keep this product away  
from heat or open flames.

Prepared by S. Morss

Date 5/86